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COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                          ENTRY    SESSION
FULL ESTIMATED COST                                       20.29      28.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)              SINCE FILE      TOTAL
                                                          ENTRY    SESSION
CA SUBSCRIBER PRICE                                       -3.90      -3.90

FILE 'REGISTRY' ENTERED AT 13:17:43 ON 16 MAR 2007
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STRUCTURE FILE UPDATES:   15 MAR 2007  HIGHEST RN 926596-82-9
DICTIONARY FILE UPDATES:  15 MAR 2007  HIGHEST RN 926596-82-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> E "TRIBUTYLAMMONIUM CHLORIDE"/CN 25
E1            1     TRIBUTYLAMMONIUM BORODISALICYLATE/CN
E2            1     TRIBUTYLAMMONIUM BROMIDE/CN
E3            0 --> TRIBUTYLAMMONIUM CHLORIDE/CN
E4            1     TRIBUTYLAMMONIUM CHLORIDE HYDRATE/CN
E5            1     TRIBUTYLAMMONIUM CLOFIBRATE/CN
E6            1     TRIBUTYLAMMONIUM CYANAMIDATE/CN
E7            1     TRIBUTYLAMMONIUM DECAHYDRO-8-ETHYL-7,9-DICARBAUNDECABORATE/CN
E8            1     TRIBUTYLAMMONIUM FLUORIDE/CN
E9            1     TRIBUTYLAMMONIUM FORMATE/CN
E10           1     TRIBUTYLAMMONIUM GLUCOSYL PHOSPHATE/CN
E11           1     TRIBUTYLAMMONIUM HEXAFLUOROARSENATE/CN
E12           1     TRIBUTYLAMMONIUM HEXAFLUOROPHOSPHATE/CN
E13           1     TRIBUTYLAMMONIUM HEXAFLUOROSILICATE/CN
E14           1     TRIBUTYLAMMONIUM IODIDE/CN
E15           1     TRIBUTYLAMMONIUM ISOCYANATE/CN
E16           1     TRIBUTYLAMMONIUM METHYLENEDIPHOSPHONATE/CN
E17           1     TRIBUTYLAMMONIUM NITRATE/CN
E18           1     TRIBUTYLAMMONIUM OCTACYANOMOLYBDATE(V)/CN
E19           1     TRIBUTYLAMMONIUM P-TOLUENESULFONATE/CN
E20           1     TRIBUTYLAMMONIUM PENTACHLOROPHENOLATE/CN
E21           1     TRIBUTYLAMMONIUM PERCHLORATE/CN
E22           1     TRIBUTYLAMMONIUM PERFLUOROOCTYLSULFONATE/CN
E23           1     TRIBUTYLAMMONIUM PHENOLATE/CN
E24           1     TRIBUTYLAMMONIUM PHENYLSULFONATE/CN
E25           1     TRIBUTYLAMMONIUM PHOSPHATE/CN

=> file caplu
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                          ENTRY    SESSION
FULL ESTIMATED COST                                        0.45      28.75
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE ENTRY TOTAL SESSION
CA SUBSCRIBER PRICE 0.00 -3.90

FILE 'CAPLUS' ENTERED AT 13:18:07 ON 16 MAR 2007
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FILE COVERS 1907 - 16 Mar 2007 VOL 146 ISS 13
FILE LAST UPDATED: 15 Mar 2007 (20070315/ED)

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They are available for your review at:

http://www.cas.org/infopolicy.html

=> s iontophor?
L7 5933 IONTOPHOR?

=> s l1 and l7
710 L1
L8 1 L1 AND L7

=> d ti au so py

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
TI Iontophoretic delivery of rotigotine for the treatment of Parkinson's disease
IN Wolff, Hans-Michael; Bouwstra, Johanna Aaltje; Li, Gai Ling; Nugroho, Akhmad Kharis
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
PY 2004
2005
2005
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FILE 'HOME' ENTERED AT 13:14:30 ON 16 MAR 2007

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 13:15:17 ON 16 MAR 2007
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STRUCTURE FILE UPDATES:   15 MAR 2007  HIGHEST RN 926596-82-9
DICTIONARY FILE UPDATES:  15 MAR 2007  HIGHEST RN 926596-82-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> E "TRIETHYLAMMONIUM CHLORIDE"/CN 25
E1            1     TRIETHYLAMMONIUM CATION/CN
E2            1     TRIETHYLAMMONIUM CHLORANILATE/CN
E3            1 --> TRIETHYLAMMONIUM CHLORIDE/CN
E4            1     TRIETHYLAMMONIUM CHLORIDE MONOHYDRATE/CN
E5            1     TRIETHYLAMMONIUM CHLOROACETATE/CN
E6            1     TRIETHYLAMMONIUM CHLOROCHROMATE/CN
E7            1     TRIETHYLAMMONIUM CHLOROSULFONATE/CN
E8            1     TRIETHYLAMMONIUM
CIS-TETRACHLOROBIS(4-ETHYLPYRIDINE-N)MOLYBDATE(III)/CN
E9            1     TRIETHYLAMMONIUM CITRACONATE/CN
E10           1     TRIETHYLAMMONIUM CLOFIBRATE/CN
E11           1     TRIETHYLAMMONIUM CLOSO-NONAHYDRO-4-CARBANONABORATE/CN
E12           1     TRIETHYLAMMONIUM CYANAMIDE/CN
E13           1     TRIETHYLAMMONIUM CYCLAMATE/CN
E14           1     TRIETHYLAMMONIUM CYCLIC URIDINE-3',5'-PHOSPHATE/CN
E15           1     TRIETHYLAMMONIUM CYCLOHEXYLSULFAMATE/CN
E16           1     TRIETHYLAMMONIUM
DECAHYDRO-7,8-DIPHENYL-7,8-NIDO-DICARBAUNDECABORATE/CN
E17           1     TRIETHYLAMMONIUM DIAQUABIS(CATECHOLATO)MANGANATE(1-)/CN
E18           1     TRIETHYLAMMONIUM
DICHLORO(1,2-BIS(2-PYRIDINECARBOXAMIDATO)-4,5-DIMETHYLBENZENE)FERRATE(III)/CN
E19           1     TRIETHYLAMMONIUM DICHLOROACETATE/CN
E20           1     TRIETHYLAMMONIUM DICHLOROCUPRATE(1-)/CN
E21           1     TRIETHYLAMMONIUM DICHLORODINITROSYLFERRATE(1-)/CN
E22           1     TRIETHYLAMMONIUM
DICHLORONITROSYL(TRIS(3,5-DIMETHYLPYRAZOLYL)BORATO)MOLYBDATE(1-)/CN
E23           1     TRIETHYLAMMONIUM DICYANODIHYDROBORATE/CN
E24           1     TRIETHYLAMMONIUM DIFFRACTATE/CN
E25           1     TRIETHYLAMMONIUM DIHEXADECYL PHOSPHATE/CN
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=> S E3
L1            1 "TRIETHYLAMMONIUM CHLORIDE"/CN

=> DIS L1 1 IDE

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN   554-68-7  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   Ethanamine, N,N-diethyl-, hydrochloride (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Triethylamine, hydrochloride (7CI, 8CI)
OTHER NAMES:
CN   N,N-Diethylethanamine hydrochloride
CN   Triethylamine monohydrochloride
CN   Triethylammonium chloride
MF   C6 H15 N . Cl H
CI   COM
LC   STN Files:   AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
       CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, CSNB, DETHERM*,
       GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, PIRA, RTECS*,
       SPECINFO, TOXCENTER, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
     Other Sources:   EINECS**, NDSL**, TSCA**
         (**Enter CHEMLIST File for up-to-date regulatory information)
CRN  (121-44-8)
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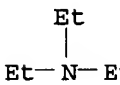

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● HCl


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

            710 REFERENCES IN FILE CA (1907 TO DATE)
             35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            710 REFERENCES IN FILE CAPLUS (1907 TO DATE)
              1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)


=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     7.80       8.01

FILE 'CAPLUS' ENTERED AT 13:16:17 ON 16 MAR 2007
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FILE COVERS 1907 - 16 Mar 2007 VOL 146 ISS 13
FILE LAST UPDATED: 15 Mar 2007 (20070315/ED)

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They are available for your review at:

http://www.cas.org/infopolicy.html

=> s rotigotine
L2 67 ROTIGOTINE

=> s l1 and l2
710 L1
L3 1 L1 AND L2

=> d ti au so py

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
TI Iontophoretic delivery of rotigotine for the treatment of Parkinson's disease
IN Wolff, Hans-Michael; Bouwstra, Johanna Aaltje; Li, Gai Ling; Nugroho, Akhmad Kharis
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
PY 2004
2005
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=> s cosmetic?
L4 82294 COSMETIC?

=> s l1 and l4
710 L1
L5 5 L1 AND L4

=> d ti au abs so py 1-5

L5 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Gel compositions and their use for perfumes, topical preparations, and cosmetics
IN Hiwata, Kozo; Ishiwatari, Masaaki
AB The gel compns. contain gellan gum and electrolytes releasing NH4+ ion. A transparent gel composition containing dipropylene glycol 5.0, gellan gum 0.5, L-arginine HCl salt 1.5, buffer 0.2, antiseptic, chelating agent, and H2O to 100 weight% showed water separation only 0.1-3% after 1-wk storage at 25°.
SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF
PY 2004

L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Hydrophobically modified saccharide surfactants
IN Booten, Karl; Levecke, Bart; Stevens, Christian Victor
AB The invention relates to the use as surfactant, for the preparation of dispersions of multiphase systems that comprise a continuous aqueous phase containing a high concentration of electrolytes, of hydrophobically modified saccharides (I) and (II) [A]n(-M)s (I) [B]m(-M)s' (II) where [A]n represents a fructan-type saccharide [B]m represents a starch-type saccharide, (-M) represents a hydrophobic moiety that substitutes a hydrogen atom of a hydroxyl group of the fructosyl and/or glucosyl units of the fructan-type and starch-type saccharides, and s and s', which can have the same value or not, represent the number of said hydrophobic moieties that substitute the fructosyl or glucosyl unit, expressed as average degree of substitution (average DS) which ranges from 0.01 to 0.5. The hydrophobic group is either an alkylcarbamoyl radical R-NH-CO- (forming N-substituted carbamic acid esters) or an alkylcarbonyl radical R-CO- (forming carboxylic acid esters), wherein R represents a linear or branched, saturated or unsatd. C4-C32 alkyl group. The invention also discloses a method for the preparation and/or stabilization of and/or formulations for dispersions of multiphase systems that comprise a continuous aqueous phase containing a high concentration of electrolytes, of up to 1M, by using as surfactant one or more hydrophobically modified saccharides (I) and/or (II) defined above.
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
PY 2003
2003
2003
2004
2005
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2004
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2005
2004

L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Cosmetic compositions containing ascorbyl-phosphoryl-cholesterol
IN Ptchelintsev, Dmitri
AB To a derivative of L-ascorbic acid which is stable, easily incorporated into cosmetically acceptable vehicles and enzymically bioreversible in the skin to free ascorbic acid and a safe alkanol component. The L-ascorbic acid derivative is a compound selected from the group consisting of 3'-(L-ascorbyl-2-o-phosphoryl)-cholesterol (I) or homologs and salts thereof. Ascorbic cholesteryl phosphodiester acid (II) was prepared by stirring ascorbic cholesteryl phosphodiester chloridate (preparation given) with Amberlyst-15 in THF. Amberlyst-15 was removed by filtration and II was separated and purified. I at 11.3, 22.5, and 45 μg/mL stimulated collagen production in cultured human skin fibroblast.
SO PCT Int. Appl., 37 pp.
CODEN: PIXXD2
PY 1998
1998
1999
2000
1999
1998
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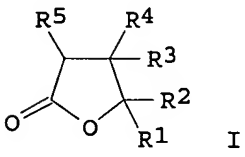
2006

L5 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of α-olefin dimers.
IN Kadoi, Yasunori; Maezawa, Hiroshi; Matsumoto, Junichi
AB The title compds., CH2:CR1-CH2-CH2-R1 (R1 = C3-25 cyclohydrocarbyl], useful as lubricants, intermediates for cosmetics, and monomers (no data), are prepared via dimerization of CH2:CHR1, the resp. α-olefin in the presence of a catalyst containing (A) compds. containing Group IVB transition metals, (B) compds. containing a cation (containing elements selected from Group IIIB, IVB, VB, VIB, VIIB, VIIIB, IA, IB, IIA, IIB, and VIIA) and an anion with multiple groups attached to an element selected from Group VB, VIB, VIIB, VIII, IB, IIB, IIIA, IVA, and VA, and, optionally, (C) an aluminum compound A mixture of triisobutylaluminum, [Et3NH][BC6F5)4] (C6F5 = pentafluorophenyl), Cp2ZrCl2 (Cp = cyclopentadiene) (preparation given), and vinylcyclohexane was heated at 50° for 4 h to give the corresponding dimer with 97% selectivity and 65.8% conversion from vinylcyclohexane.
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
PY 1993
1998

L5 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
TI Manufacture of γ-lactones
IN Takagi, Keiichi; Amaike, Masayasu; Ito, Masamichi; Katsuta, Yasuhiro; Tamura, Hiroshi
GI



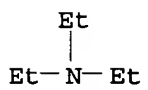
I

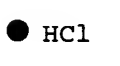
AB Title compds. I (R1 = H, C1-15 alkyl; R2 = H, Me, Et; R1 and R2 together may form butylene or pentylene; R3 = H, C1-15 alkyl; R4, R5= H, Me), useful as flavors for foods and cosmetics, are manufactured by heating R1R2CHOH (II) and R3R4C:CR5(CO2R6) (III; R6 = C1-8 alkyl) in the presence of an organic peroxide and an N-containing compound Thus, autoclaving BuOH, Me crotonate, 1,1-bis-tert-butylperoxycyclohexane, and butylamine under N at 140-150° gave 31.2% β-methyl-γ-propyl-γ-lactone.
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
PY 1992
1999

=> s l1
L6 710 L1

=> file reg

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 554-68-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanamine, N,N-diethyl-, hydrochloride (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Triethylamine, hydrochloride (7CI, 8CI)
OTHER NAMES:
CN N,N-Diethylethanamine hydrochloride
CN Triethylamine monohydrochloride
CN Triethylammonium chloride
MF C6 H15 N . Cl H
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
    CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, CSNB, DETHERM*,
    GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, PIRA, RTECS*,
    SPECINFO, TOXCENTER, USPAT2, USPATFULL
      (*File contains numerically searchable property data)
    Other Sources: EINECS**, NDSL**, TSCA**
      (**Enter CHEMLIST File for up-to-date regulatory information)
CRN (121-44-8)



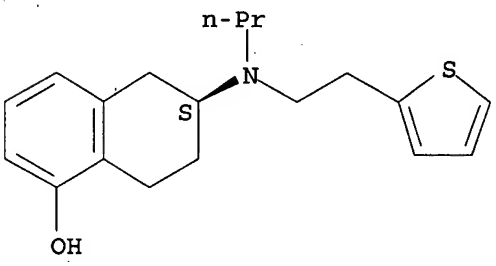


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

710 REFERENCES IN FILE CA (1907 TO DATE)
 35 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
710 REFERENCES IN FILE CAPLUS (1907 TO DATE)
  1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 99755-59-6 REGISTRY
ED Entered STN: 18 Jan 1986
CN 1-Naphthalenol, 5,6,7,8-tetrahydro-6-[propyl[2-(2-thienyl)ethyl]amino]-, (6S)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Naphthalenol, 5,6,7,8-tetrahydro-6-[propyl[2-(2-thienyl)ethyl]amino]-, (S)-
OTHER NAMES:
CN (-)-N 0437
CN N 0923
CN Rotigotine
CN SPM 962
FS STEREOSEARCH
MF C19 H25 N O S
CI COM
SR CA
LC STN Files: ADISINSIGHT, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CBNB, CIN, DDFU, DRUGU, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, PATDPASPC, PHAR, PROMT, PROUSDDR, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

115 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
115 REFERENCES IN FILE CAPLUS (1907 TO DATE)